

University of Groningen

The Gastrin-Releasing Peptide Receptor as Target for Molecular Imaging of Prostate Cancer

Ananias, Hildo

IMPORTANT NOTE: You are advised to consult the publisher's version (publisher's PDF) if you wish to cite from it. Please check the document version below.

Document Version

Publisher's PDF, also known as Version of record

Publication date:

2014

[Link to publication in University of Groningen/UMCG research database](#)

Citation for published version (APA):

Ananias, H. (2014). *The Gastrin-Releasing Peptide Receptor as Target for Molecular Imaging of Prostate Cancer: GRPR expression in prostate cancer and targeting with Bombesin-like radiopharmaceuticals*. [Thesis fully internal (DIV), University of Groningen]. [S.n.].

Copyright

Other than for strictly personal use, it is not permitted to download or to forward/distribute the text or part of it without the consent of the author(s) and/or copyright holder(s), unless the work is under an open content license (like Creative Commons).

The publication may also be distributed here under the terms of Article 25fa of the Dutch Copyright Act, indicated by the "Taverne" license. More information can be found on the University of Groningen website: <https://www.rug.nl/library/open-access/self-archiving-pure/taverne-amendment>.

Take-down policy

If you believe that this document breaches copyright please contact us providing details, and we will remove access to the work immediately and investigate your claim.

Downloaded from the University of Groningen/UMCG research database (Pure): <http://www.rug.nl/research/portal>. For technical reasons the number of authors shown on this cover page is limited to 10 maximum.

Stellingen

behorende bij het proefschrift

The Gastrin-Releasing Peptide Receptor as Target for Molecular Imaging of Prostate Cancer

1. ^{99m}Tc Technetium-HYNIC(tricine/TPPTS)-Aca-Bombesine(7-14) is als radiofarmacon geschikt voor Gastrin-Releasing Peptide Receptor gerichte beeldvorming van prostaatkanker met behulp van microSPECT in een humaan prostaatkanker muis model. *(dit proefschrift)*
2. De Gastrin-Releasing Peptide Receptor komt tot expressie in het overgrote deel van de lymfeklier metastasen van prostaatkanker en in de helft van de botmetastasen. *(dit proefschrift)*
3. Hoewel de Gastrin-Releasing Peptide Receptor tot expressie komt in lokaal recidief prostaatkanker na radiotherapie, is het tumor onderscheidend vermogen zeer beperkt door opname in benigne prostaat stroma. *(dit proefschrift)*
4. ^{99m}Tc Technetium-HYNIC(tricine/TPPTS)-Aca-Bombesine(7-14) is niet geschikt voor gelokaliseerde prostaatkankerdetectie in patiënten met bewezen prostaatkanker. *(dit proefschrift)*
5. Het verschil tussen de uitstekende *in vitro* stabiliteit van ^{99m}Tc Technetium-HYNIC(tricine/TPPTS)-Aca-Bombesine(7-14) in humaan serum en de lage stabiliteit *in vivo* in prostaatkankerpatiënten verdient nadere aandacht. *(dit proefschrift)*
6. De bombesine dimeer ^{111}In -DOTA-[Aca-Bombesine(7-14)]₂ is, op basis van preklinisch onderzoek in een humaan prostaatkanker muis model waarbij uitstekende *in vivo* stabiliteit en hoge tumoropname werden aangetoond, geschikt voor klinische studies. *(dit proefschrift)*
7. Computer games don't affect kids. I mean if Pac-Man had affected us as kids, we'd all be running around in dark rooms, munching pills and listening to repetitive electronic music. *(Marcus Alexander Brigstocke)*
8. You should have expected it. *(Maxim Rybalov)*
9. Im Sommer melken wir die Kühe, im Winter melken wir die Holländer. *(mijn Oostenrijkse skileraar)*
10. Aan 'n ol fiets en 'n jong wief mankeert altied wat. *(Groningse wijsheid)*